

INTERNATIONAL SEARCH REPORT

I	nternational Application No GB2004/003032
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A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	C01B17/04	B01D53/86

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 798 716 A (PALM ET AL) 17 January 1989 (1989-01-17) cited in the application * claims; figure; column 5, lines 13-17; column 8, line 39- column 9, 43 *	1, 4
X	EP 1 166 850 A (THE BOC GROUP PLC) 2 January 2002 (2002-01-02) claims ; figure 3	1
A	EP 1 186 334 A (THE BOC GROUP PLC) 13 March 2002 (2002-03-13) paragraph '0045!; claims	1-12
A	EP 0 565 316 A (THE BOC GROUP PLC) 13 October 1993 (1993-10-13) cited in the application	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

27/04/2005

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Patent Application No

32004/003032

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